

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

ASASHIMA, *et al.*

Appl. No.

Confirmation No.

Filed: July 30, 2001

For: ORGANS FOR TRANSPLANTATION
INDUCED IN VITRO

Art Unit: Unassigned

Examiner: Unassigned

Atty. Docket No. 31671-173644

Customer No.



26694

PATENT TRADEMARK OFFICE

Preliminary Amendment

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

Prior to calculation of the fees, please amend the claims attached to the specification as follows:

Claim 3. (Amended) The preparation method of in vitro induced organ for transplantation according to claim 1 characterized in that the certain stage is examined by using genome DNA which expresses corresponding to the stage of the in vitro induced organ as a molecular marker.

Claim 4. (Amended) The preparation method of in vitro induced organ for transplantation according to claim 1 characterized in that the in vitro induced organ is an organ induced from ectoderm region which has been cut off from the blastula.

Claim 5. (Amended) The preparation method of in vitro induced organ for transplantation according to claim 1 characterized in that in vitro induction takes place in the presence of TGF (Transforming Growth Factor)- β family.